

Preliminary Amendment  
National Stage Entry of PCT/JP03/10887  
Q86555

**AMENDMENTS TO THE SPECIFICATION**

**Please delete paragraph [0032] at page 16 and replace it with the following new paragraph:**

The invention set forth in claim 5 is characterized in that, in the gas sensor set forth in claim 1, the outer hollow-cylindrical portion is formed into a bottomed cylinder. A bottom wall of the outer hollow-cylindrical portion is positioned nearer to the front end than the inner hollow-cylindrical portion, so that the bottom wall of the outer hollow-cylindrical portion is made a bottom wall positioned at an utmost front end. It is preferable that the discharge opening is formed in the bottom wall of the outer hollow-cylindrical portion.